June 2011 Weather Summary

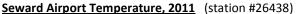
Low precipitation levels last month make June the eight consecutive month to receive below-average precipitation in Seward. Measurable precipitation levels were recorded at the Seward airport for only 12 days of the month. Total precipitation for June was 1.39 inches (.93 inches less than the 30-year average), only 60% of the 30-year average June precipitation.

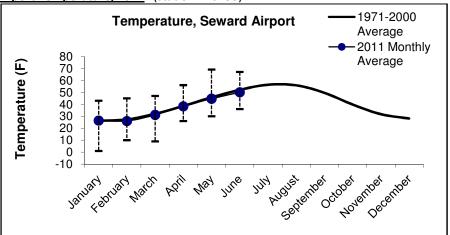
June average temperature recorded at the Seward airport was 50 degrees F (2.1 degrees F below the 30-year average June temperature). June 29th was the warmest day of the month with a high of 67 degrees F; June 17th was the coldest day with a low of 36 degrees F.

Also of note:

- In June the National Oceanic and Atmospheric Administration (NOAA) released their annual <u>State of the Climate in 2010 Report</u> on climate indicators, notable climate events and other climate information from around the world. According to NOAA, "the comprehensive analysis of indicators shows a continuation of the long-term trends scientists have seen over the last 50 years, consistent with global climate change."
- Kenai Fjords National Park and the Natural Resources Conservation Service (NRCS) partnered to install a
 new SNOTEL site near Exit Glacier. Additional data access options will be available in the near future as
 this site gets added to a variety of databases and maps. Currently, the hourly weather data is available at
 the NRCS' Alaska Snow, Water and Climate Services website.
- The <u>National Weather Service Climate Prediction Center's</u> one month weather outlook (July 2011) is for equal chances of below-, near-, and above-average temperatures and precipitation. The three month outlook (July-August-September 2011) is also for equal chances of below-, near-, and above-average temperatures and precipitation.
- NOAA climate services portal serves as a single point-of-entry for NOAA's extensive climate information, data, products, services, and the climate science magazine <u>ClimateWatch</u>.
- Additional, detailed climate information is available from the <u>UAF Alaska Climate Research Center</u> monthly state-wide summaries.

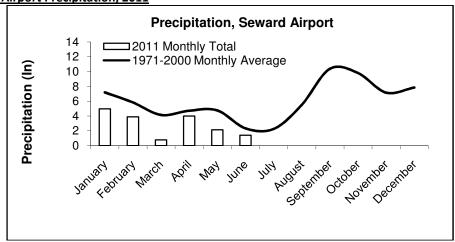
Read more to find out about the local climate for June 2011





Monthly and 30-year average temperature (F) at Seward airport. 1971-2000. 2011 Monthly average values are shown with thin solid line. The range of maximum and minimum daily temperatures for each month are shown with dashed vertical lines.

Seward Airport Precipitation, 2011



Monthly and 30-year average precipitation (inches) at Seward airport.

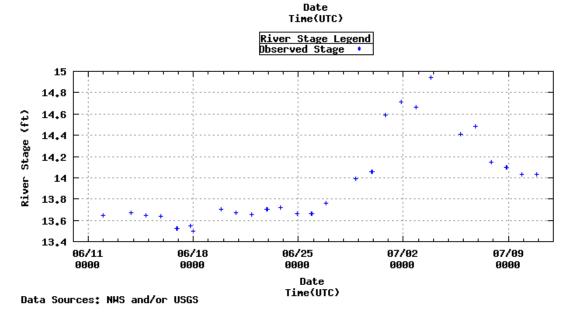
Rivers

Station River:RESURRECTION RIVER Location:Resurrection River at Exit Glacier Bridge lat:60.20 lon:149.59 Minor FLOOD STAGE: 17.5 feet Plot created: Mon Jul 11 13:01:20 UTC 2011

Date

Time(UTC) River Stage Legend Observed Stage • 13.8 13.6 River Stage (ft) 13.4 13.2 13 12.8 12.6 12.4 12.2 06/25 07/02 07/09 06/11 06/18 0000 0000 0000 0000 0000 Date Time(UTC) Data Sources: NHS and/or USGS

Resurrection River at Exit Glacier Bridge is monitored by the Alaska-Pacific River Forecast Center: http://water.weather.gov/ahps2/index.php?wfo=pafc. The Resurrection River stage height is currently below the flood stage of 17.5 feet.



Exit Creek water level (stage height) showing low levels throughout the month of June.

Weather Station data (map of [some] stations Western Region Climate Center or MesoWest)

Seward Airport

Seward Hwy MP#12

Grouse Crk Divide

Exit Glacier

Exit Glacier SNOTEL

Harding Icefield

McArthur Pass

Nuka Glacier

Pilot Rock

Buoy 76-Cape Cleare

Weather Forecasts

Seward Summary

Marine Forecast

Surface Map

Graphical Forecast

4-8 Day Forecast